

Program EVALPLOT
(Version 2021-1)

by

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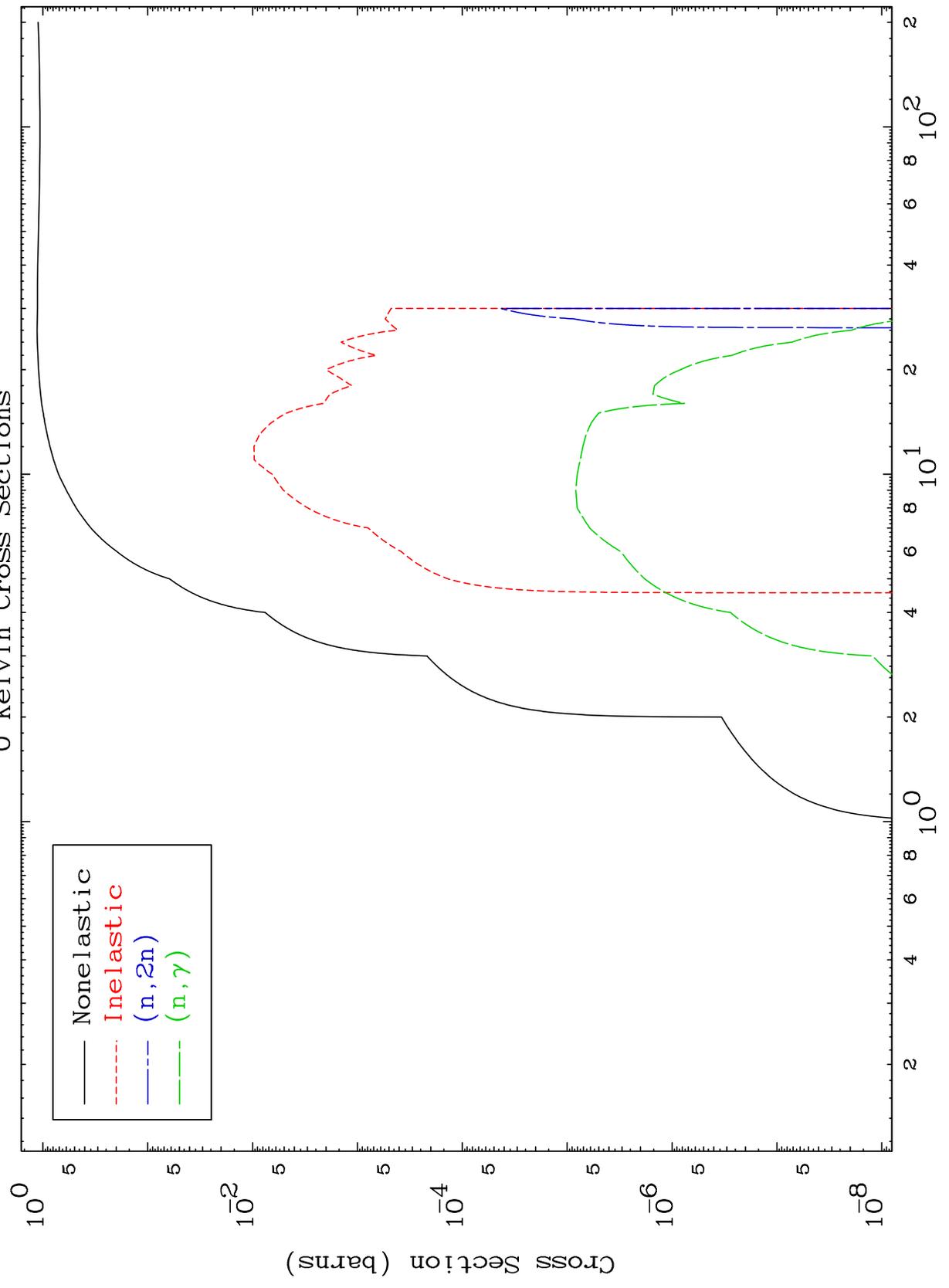
Press Mouse Button to Start

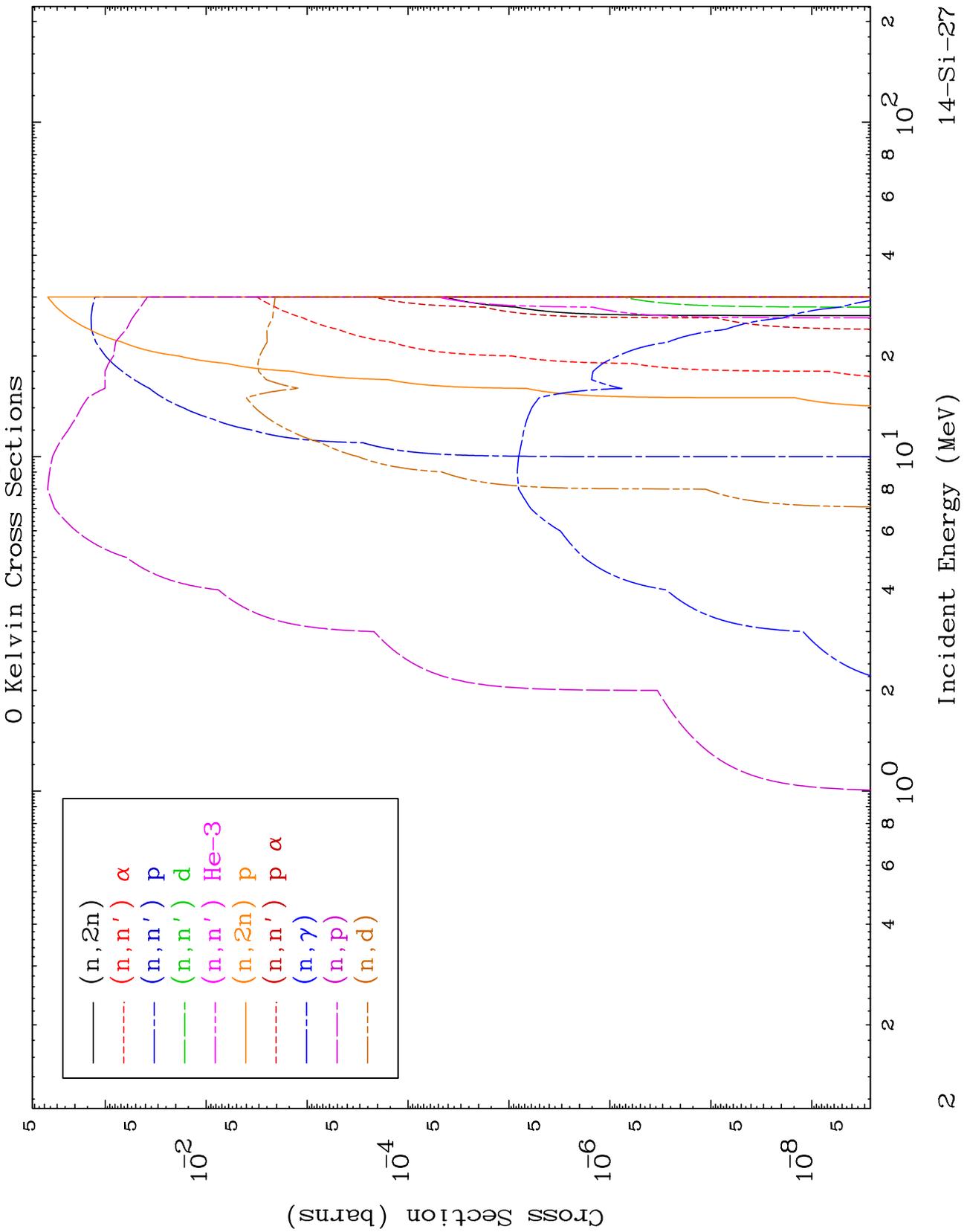
MAT 1422

0 Kelvin

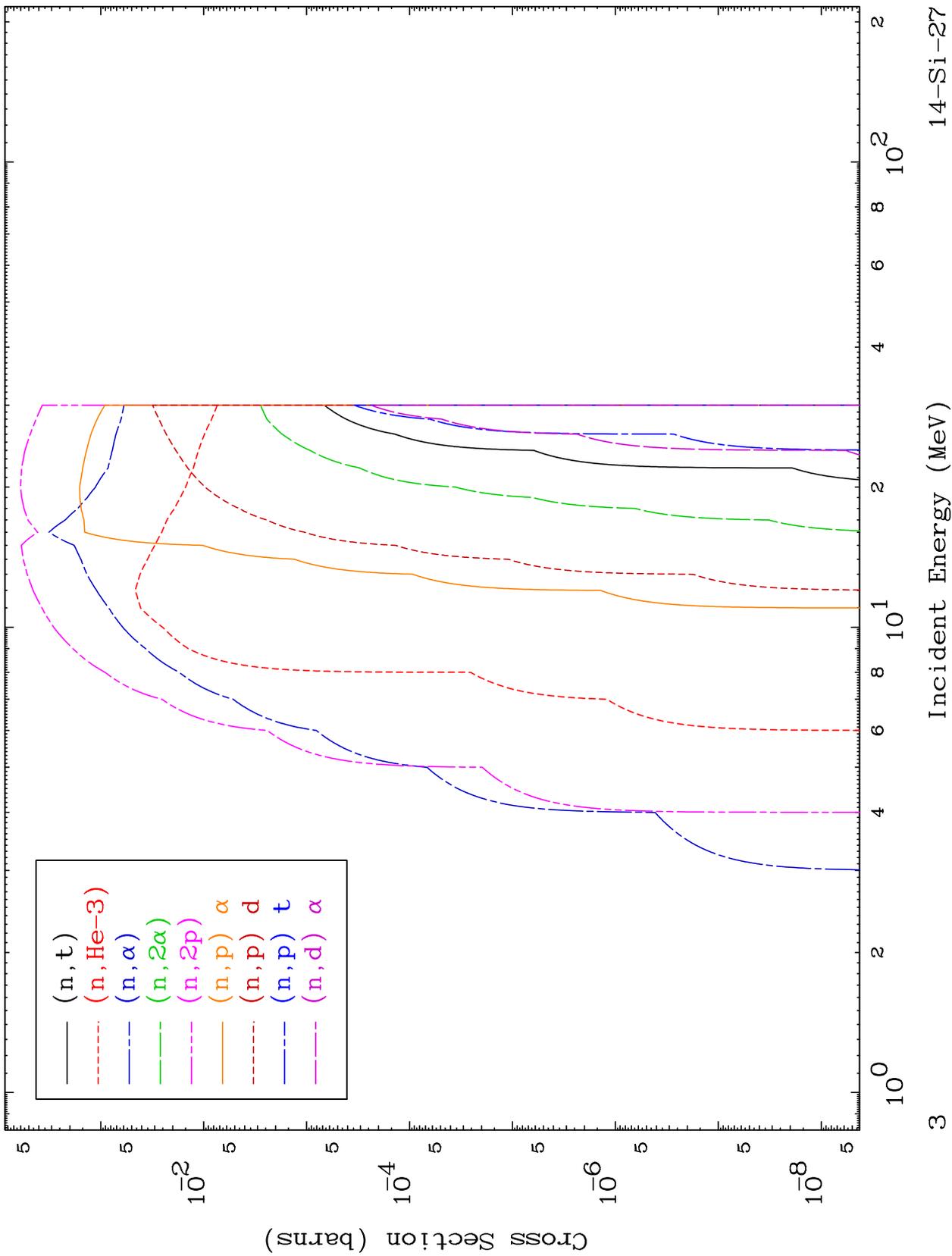
α Major Cross Sections

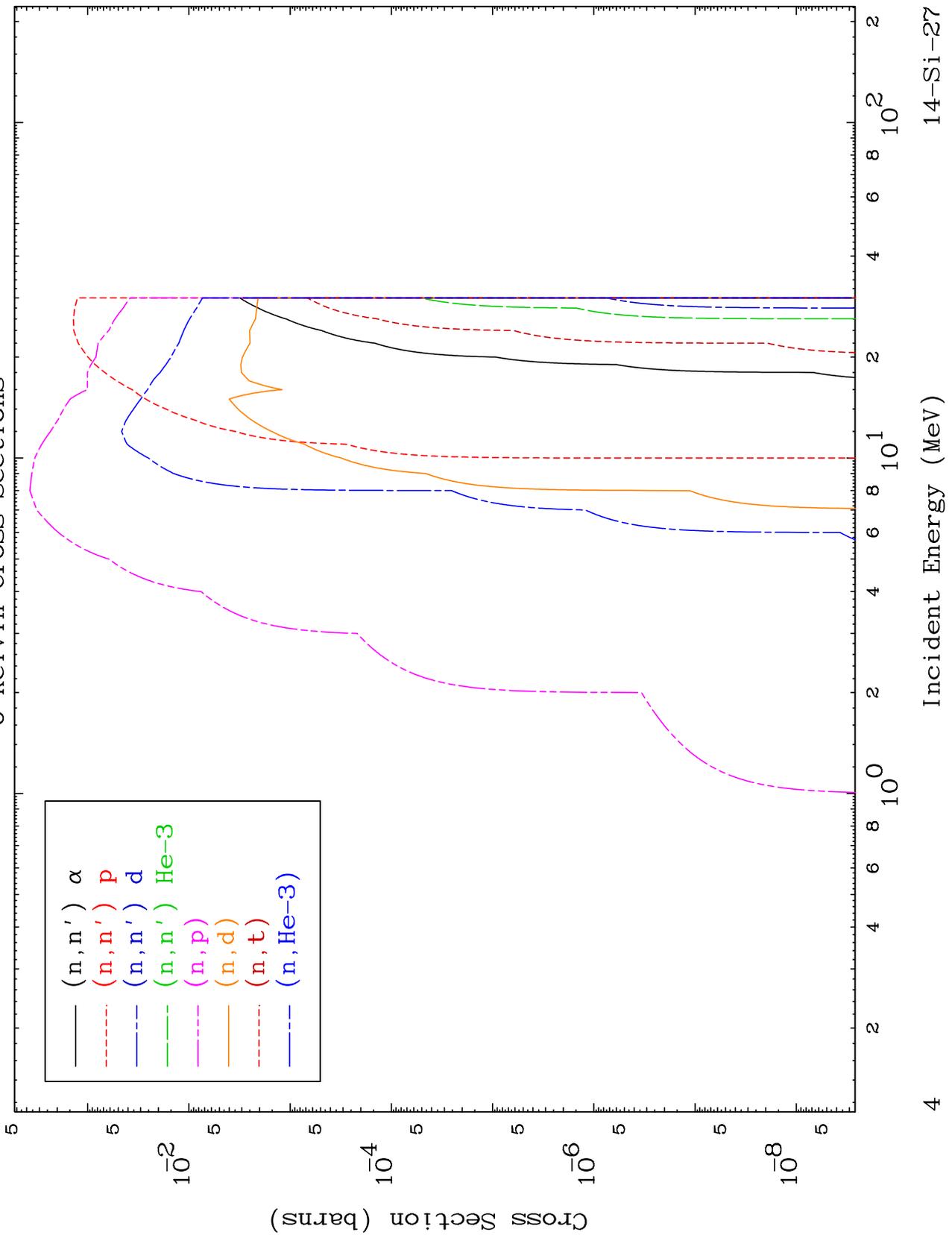
14-Si-27



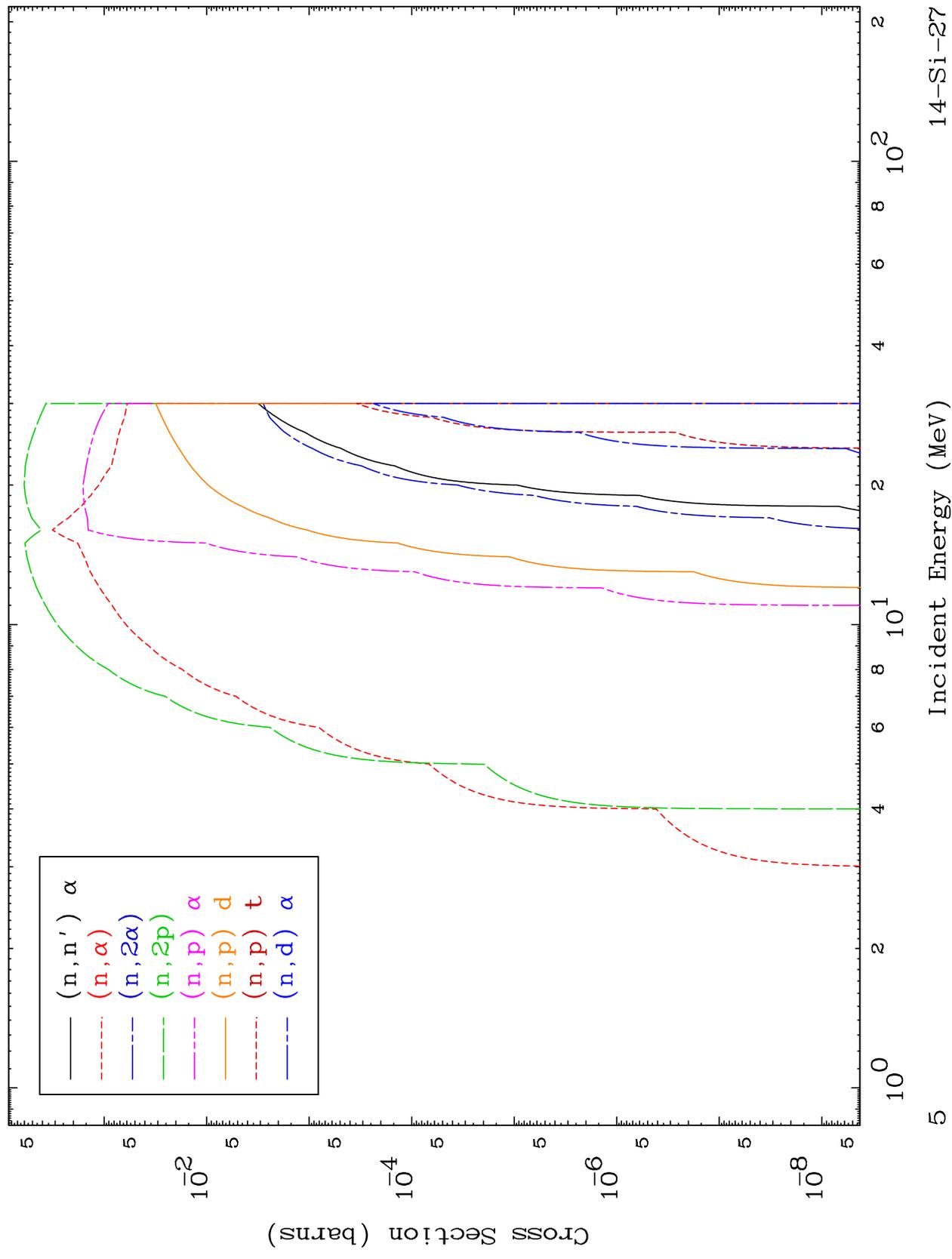


α Neutron Absorption
0 Kelvin Cross Sections





α Charged Particle
0 Kelvin Cross Sections

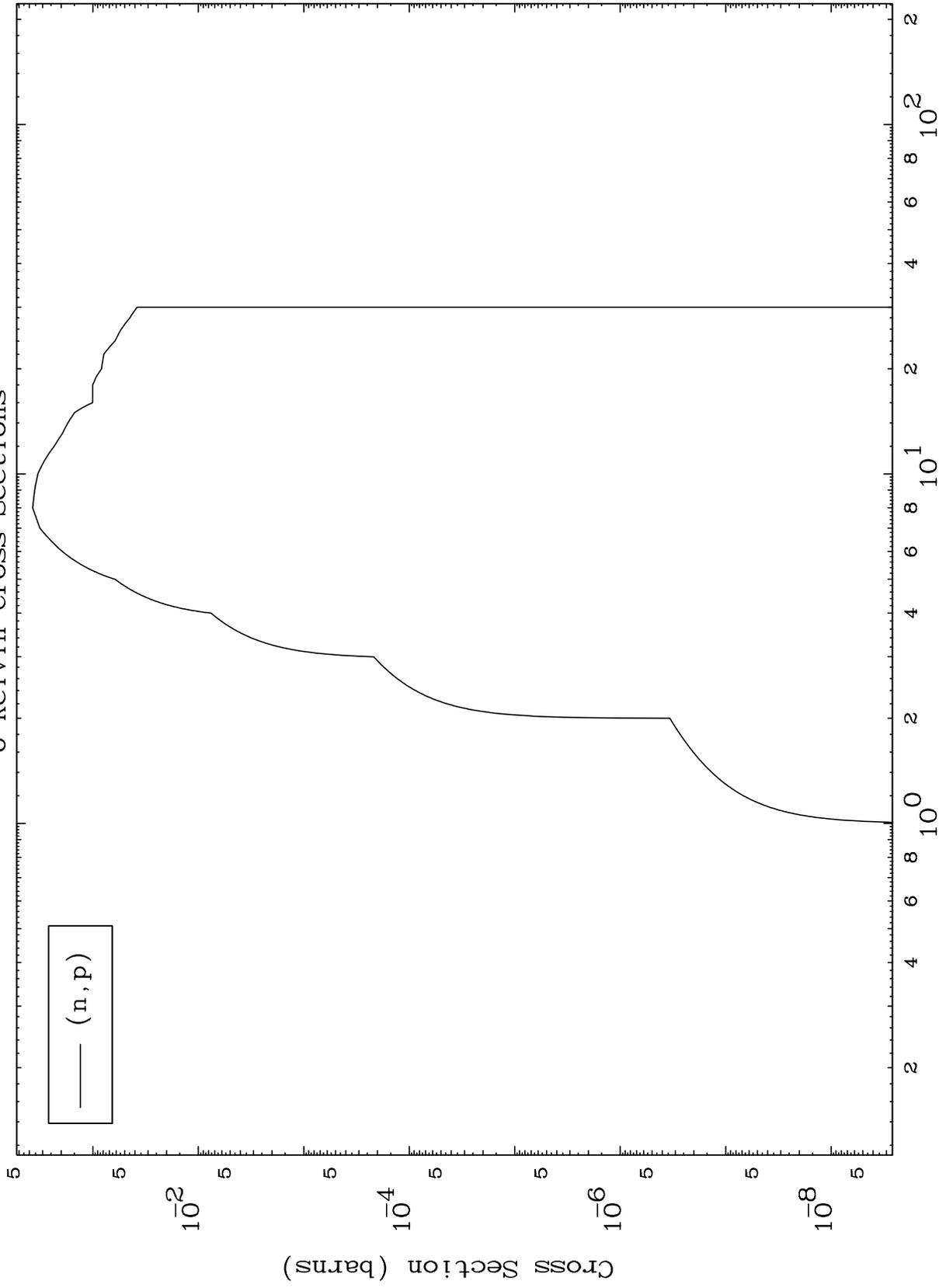


MAT 1422

(α, p) Levels

14-Si-27

0 Kelvin Cross Sections



6

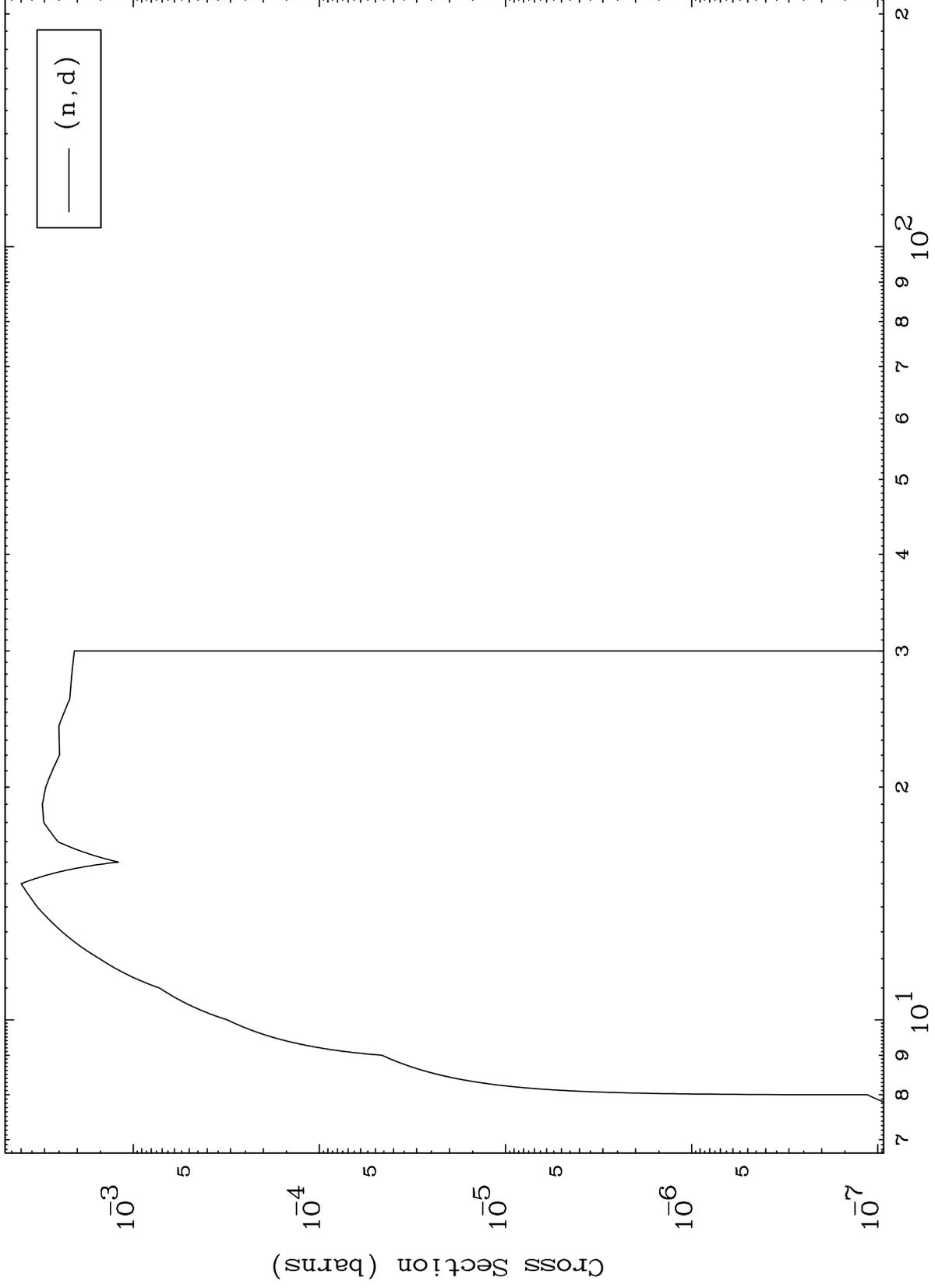
Incident Energy (MeV)

14-Si-27

MAT 1422

(α, d) Levels
0 Kelvin Cross Sections

14-Si-27



7

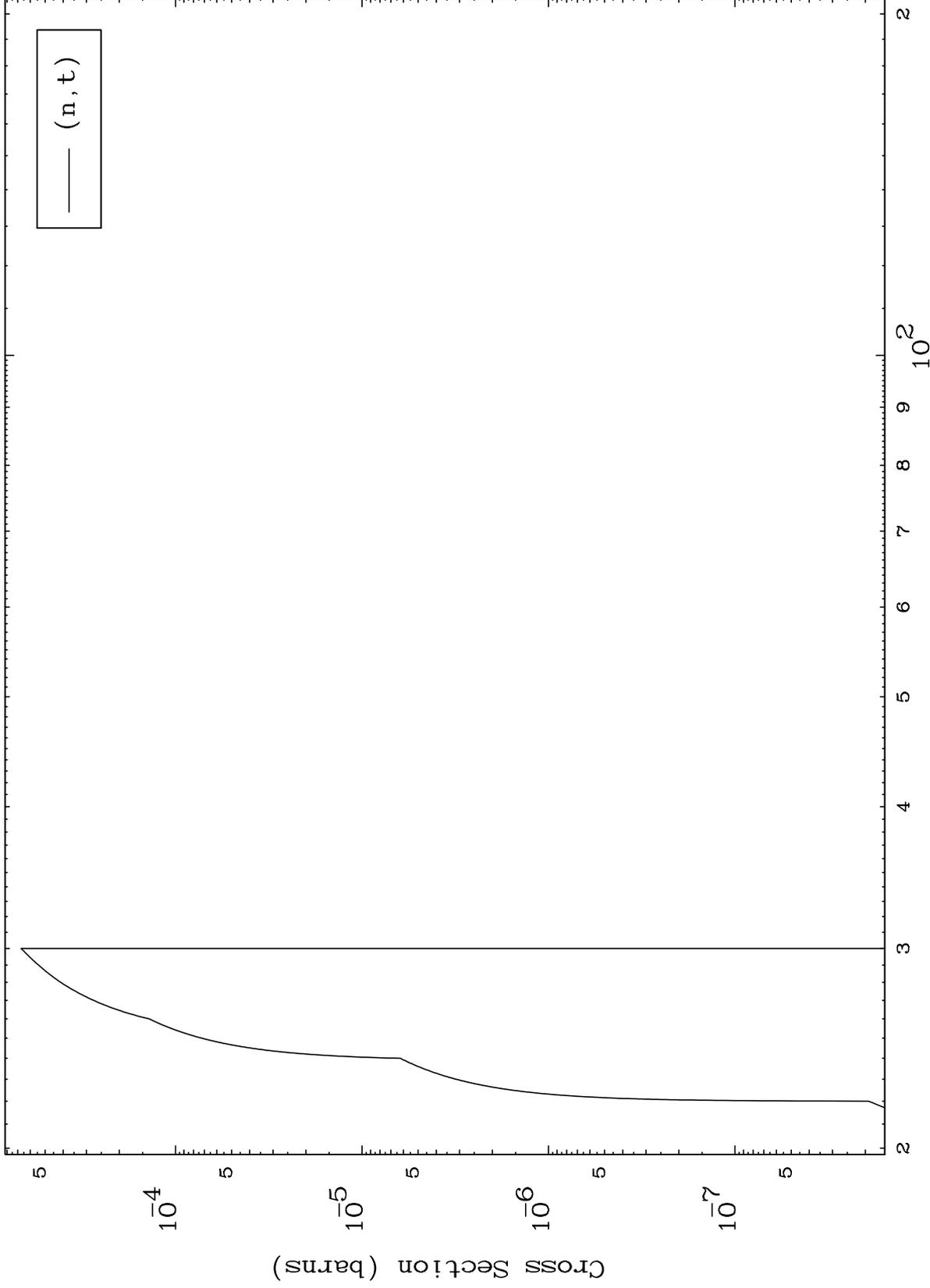
Incident Energy (MeV)

14-Si-27

MAT 1422

(α, t) Levels
0 Kelvin Cross Sections

$^{14}\text{Si}-27$



$^{14}\text{Si}-27$

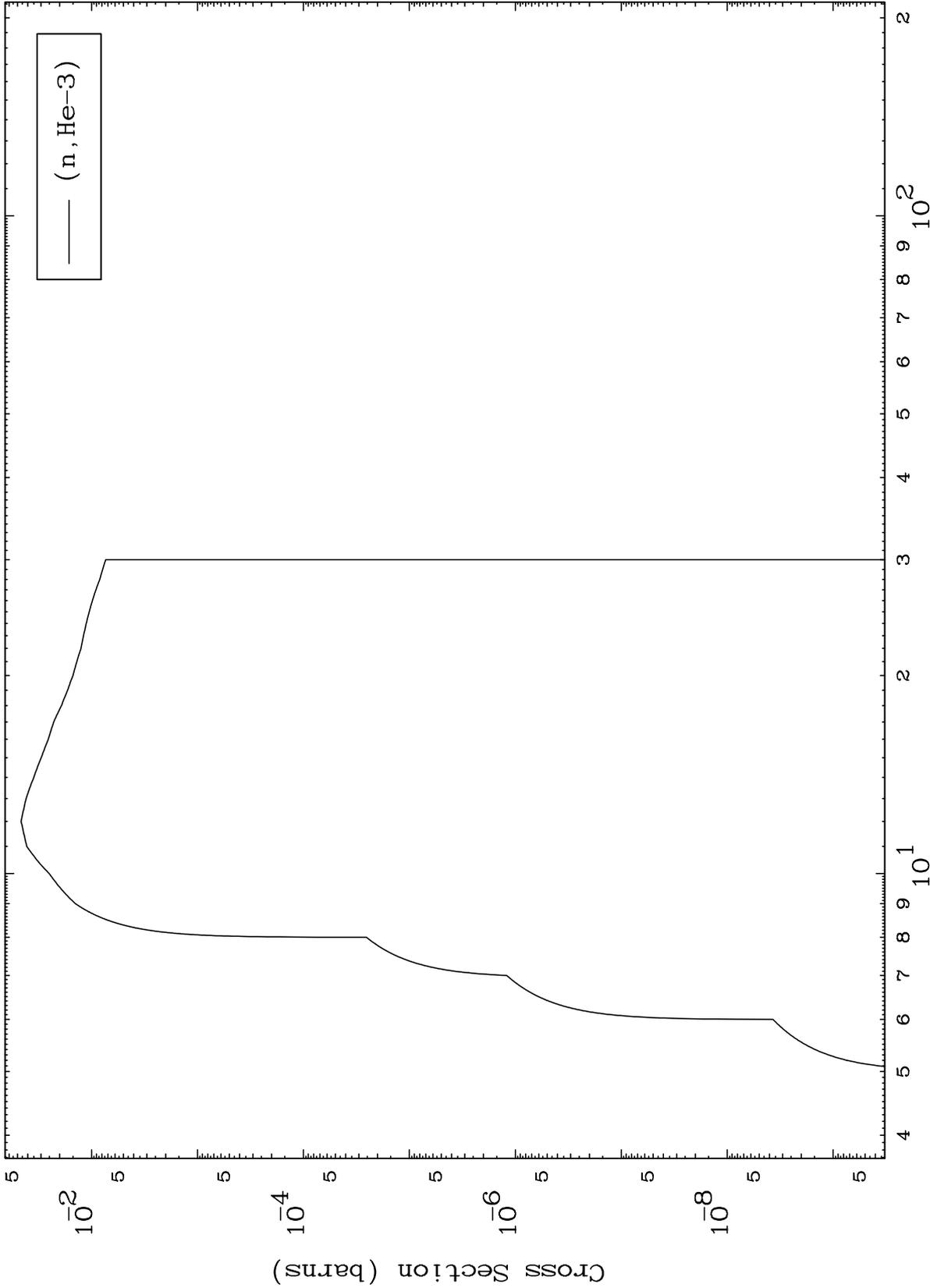
Incident Energy (MeV)

8

MAT 1422

($\alpha, \text{He}3$) Levels
0 Kelvin Cross Sections

14-Si-27



14-Si-27

Incident Energy (MeV)

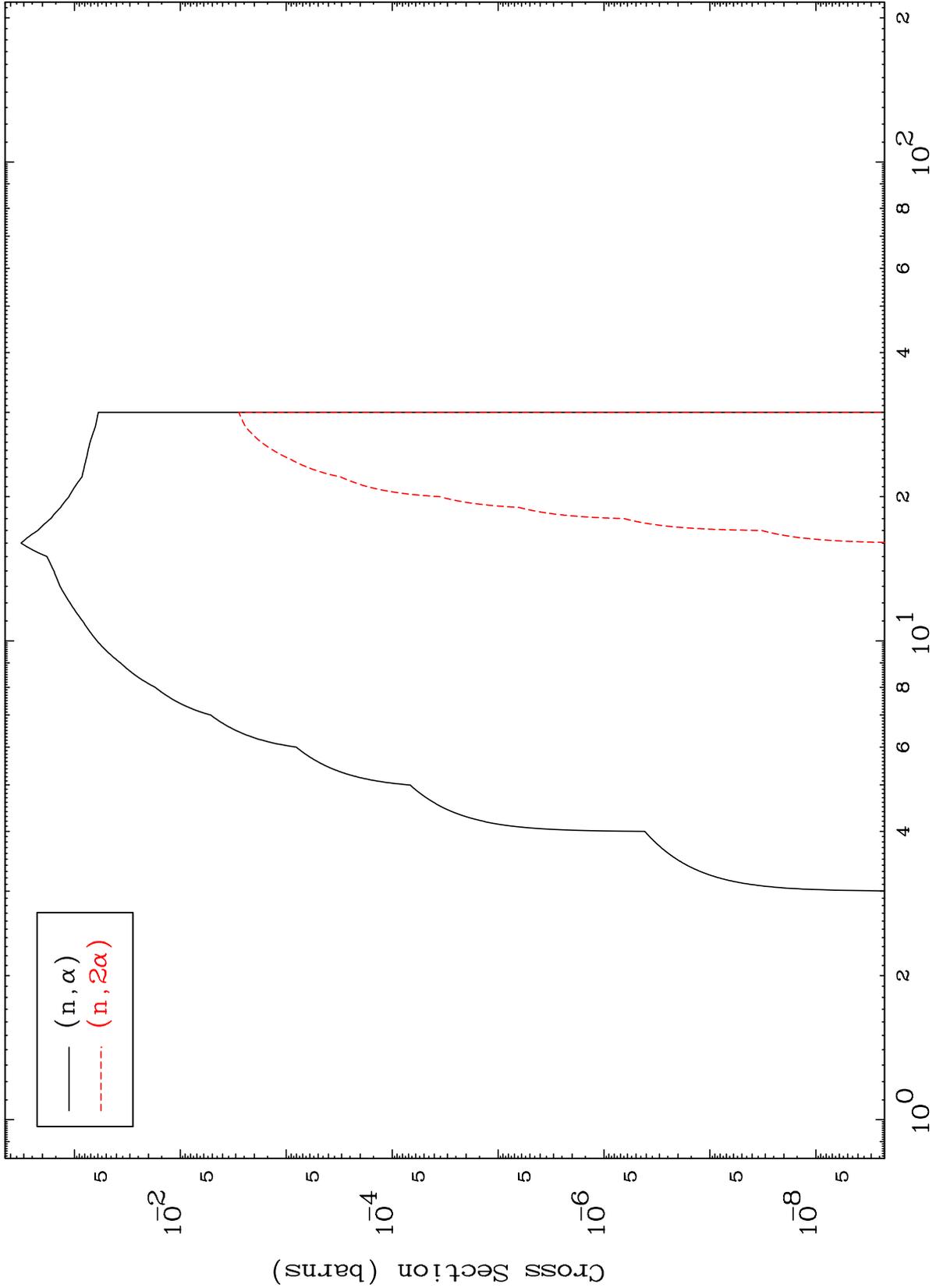
9

MAT 1422

(α, α) Levels

$^{14}\text{Si}-27$

0 Kelvin Cross Sections



Incident Energy (MeV)

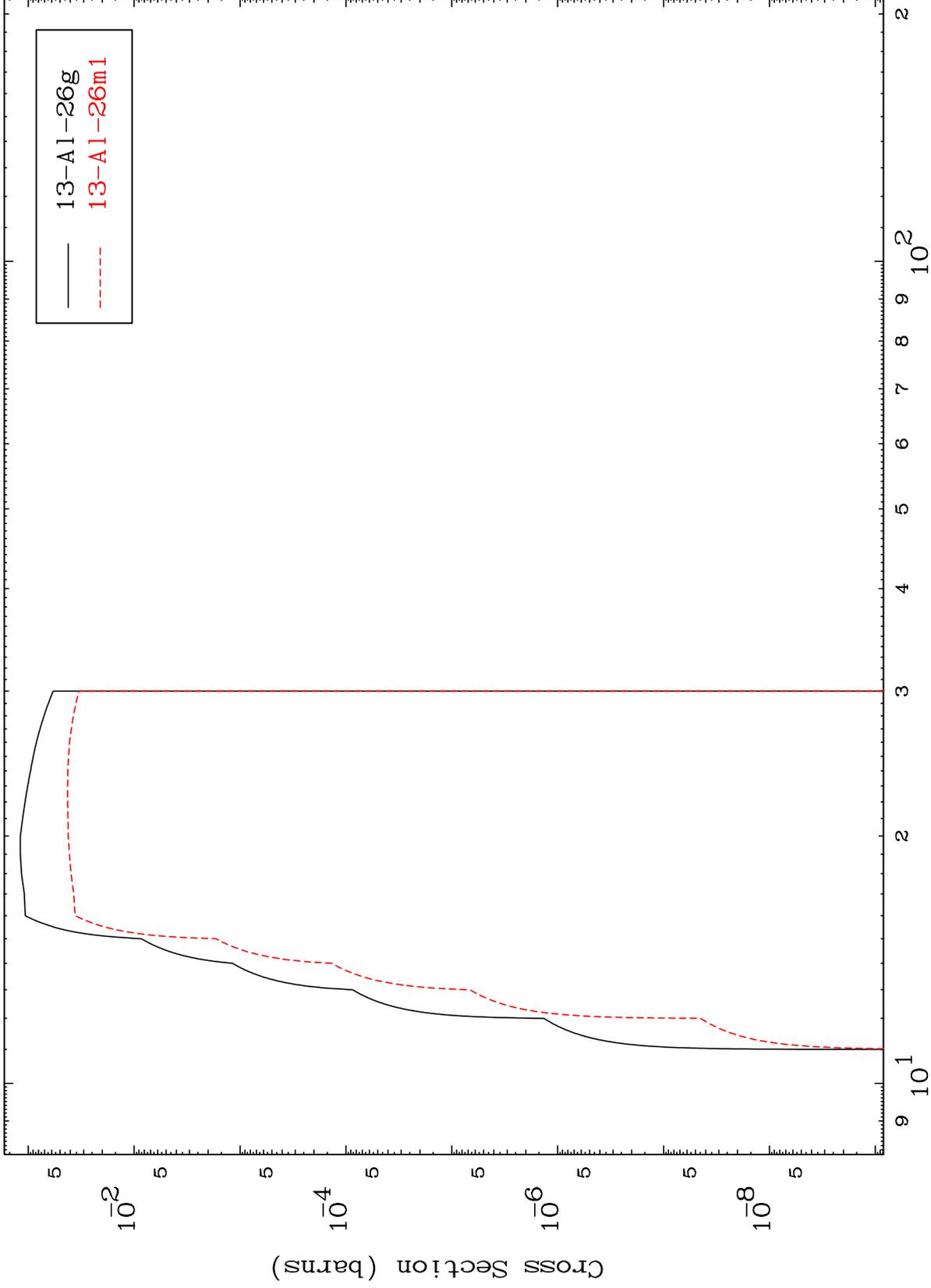
$^{14}\text{Si}-27$

MAT 1422

(n,p) α

$^{14}\text{Si}-27$

Radionuclide Production Cross Section



11

Incident Energy (MeV)

$^{14}\text{Si}-27$